

Amendments to the Specification

Please add the following new section heading and paragraph on page 3 following line 25:

Brief Summary of the Invention

The above-discussed needed architecture may be accomplished in one form by a transmitter having programmable transmission parameters temporally aligned with a payload signal. The transmitter includes an upstream module for receiving an input signal from a signal source, generating a processed signal from the input signal, and mingling the programmable transmission parameters with the processed signal to form a compound signal. The transmitter also includes an intra-transmitter signal transporter having an input coupled to the upstream module and configured to transport the compound signal to an output of the intra-transmitter signal transporter. Furthermore, the transmitter includes a downstream module having an input coupled to the intra-transmitter signal transporter output, the downstream module being configured to extract the programmable transmission parameters from the compound signal to recover the processed signal and to convert the processed signal into a communication signal configured in accordance with the programmable transmission parameters.